

COPY OF PAPERS  
ORIGINALLY FILED

TP. 3 MT ✓  
#

Please type a plus sign (+) inside this box →

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>	10/044,284	
	<b>Filing Date</b>	January 11, 2002	
	<b>First Named Inventor</b>	Daniel R. Lane	
	<b>Group Art Unit</b>	2681	
	<b>Examiner Name</b>	Not Assigned	
<b>Total Number of Pages in This Submission</b>	9	<b>Attorney Docket Number</b>	22-0197

<b>ENCLOSURES (check all that apply)</b>		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i>	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group <i>( Appeal Notice, Brief, Reply Brief)</i>
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Completion of Filing Requirements in Duplicate
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Declaration
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	Copy of Notice to File Missing Parts
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application	<b>Remarks</b>	
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>	
Firm or Individual name	Noel F. Heal; Reg. No. 26,074
Signature	<i>Noel F. Heal</i>
Date	4/16/02

<b>CERTIFICATE OF MAILING</b>			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:			
			04/16/2002
Typed or printed name	Marilyn L. Beaumont	Date	4/16/02
Signature	<i>Marilyn L. Beaumont</i>		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



COPY OF PAPERS  
ORIGINALLY FILED

Page 1 of 1  
#3

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/044,284	01/11/2002	Daniel R. Lane	22-0197

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

30050  
PATENT COUNSEL, TRW INC.  
S & E LAW DEPT.  
ONE SPACE PARK, BLDG. E2/6051  
REDONDO BEACH, CA 90278

CONFIRMATION NO. 8417  
FORMALITIES LETTER



Date Mailed: 02/22/2002

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**  
**FILED UNDER 37 CFR 1.53(b)**

**Filing Date Granted**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice MUST be returned with the reply.*

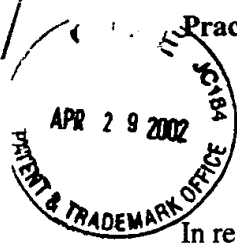
*M. DeLuca*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202  
PART 2 - COPY TO BE RETURNED WITH RESPONSE

05/01/2002 BNGUYEN1 00000022 201515 10044284  
01 FC:105 130.00 CH

Practitioner's Docket No. 22-0197

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Lane, Daniel R.  
Application No.: 10/044,284  
Filed: January 11, 2002  
For: DOWNLINK SWITCHING  
MECHANISM FOR A SATELLITE

Group No.: 2681  
Examiner: Not Assigned

**Box Missing Part**  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**COMPLETION OF FILING REQUIREMENTS  
-- NONPROVISIONAL APPLICATION**

I. This replies to the Notice to File Missing Parts of Application (PTO-1533) mailed February 22, 2002.

A copy of the Notice to File Missing Parts of Application--Filing Date Granted (Form PTO-1533) is enclosed.

**DECLARATION OR OATH**

II. The declaration or oath that was filed was determined to be defective. A new original oath or declaration is attached.

**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. SECTION 1.8(a))**

I hereby certify that this correspondence is, on the date shown below, being:

**MAILING**

deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

**FACSIMILE**

transmitted by facsimile to the Patent and Trademark Office at (703) \_\_\_\_ - \_\_\_\_.

  
Signature

Date: April 16, 2002

Marilyn L. Beaumont  
(type or print name of person certifying)

**COMPLETION FEES**

**III. Surcharge Fees**

Late payment of filing fee and/or late filing of original declaration or oath (37 C.F.R. Section 1.16(e)) - \$130.00

Total Completion Fees      \$130.00

**EXTENSION OF TIME**

**IV.** The proceedings herein are for a patent application, and the provisions of 37 C.F.R. Section 1.136(a) apply.

Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

**TOTAL FEE DUE**

**V.** The total fee due is:

Completion fees	\$130.00
Extension fee (if any)	\$0.00
Total Fee Due	\$130.00

**PAYMENT OF FEES**

**VI.** Charge Account No. 20-1515 in the amount of 130.00.

A duplicate of this request is attached.

Please charge Account No. 20-1515 for any fees that may be due by this paper.

Date: April 15, 2002



Noel F. Heal  
Registration No. 26,074  
TRW INC.  
Intellectual Asset Management  
One Space Park, E2/6051  
Redondo Beach, CA 90278  
310-812-4910